

Page 25, line 34,-Page 26, line 1: Fig. 2 shows further autoreactive amino acid sequences (SEQ ID NOS: 23-39) according to the invention

IN THE CLAIMS:

Please amend the Claims as follows without prejudice.

46. A peptide derived from glutamic acid decarboxylase having a length of at most 25 amino acids and comprising

(a) a peptide of at least 6 amino acids of an amino acid sequence selected from the group consisting of SEQ ID NOS: 2, 3 and 20-39, or

(b) a peptide or peptide derivative having a length of 6 to 25 amino acids which exhibits a specificity or/and affinity which is equivalent to that of the peptide (a) and includes anchor positions for binding to alleles of MHC class II molecules DR3 or DR4, wherein the peptide derivative is not SEQ ID NO: 19.

48. The peptide of claim 46, wherein the peptide comprises

(a) a peptide of at least 6 amino acids of an amino acid sequence selected from the group consisting of SEQ ID NO: 2 and SEQ ID NO: 3, or

(b) a peptide or peptide derivative having a length of 6 to 25 amino acids which exhibits a specificity or/and affinity which is equivalent to that of the peptide (a) and includes anchor positions for binding to alleles of MHC class II molecules DR3 or DR4, wherein the peptide derivative is not SEQ ID NO: 19.